is attached hereto.

[]

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled SPATIALLY-SPECTRALLY SWEPT OPTICAL MEMORIES AND ADDRESSING METHODS, the specification of which

[X]	was filed on O	ctober 5, 1999 as Ap	plication No. 09/412,841.	
[]	No.		nternational Application, and as amended (if applicable).	
[]	and was amen	ded on	(if applicable).	
[]	with amendme	nts through	(if applicable).	
specifi			and understand the contents ded by any amendment refer	
applica subject acknown occurre filing d of any applica belown certifica United	d in Title 37, Contion filed under the matter in additional wild additional the detection of the contional the foreign application of the contional the contional the contional designation of the contional the contional the contional the continuation of the continuat	de of Federal Regulat the conditions specifi ion to that disclosed i to disclose material in filing date of the prior nuation-in-part applica foreign priority benefi ion(s) for patent or in ing at least one count dentified below any fo International applicati	ts under Title 35, United Starventor's certificate or of any try other than the United Starveign application(s) for paten on(s) designating at least one same subject matter having	tinuation-in-part in discloses and claims ation, I further CFR § 1.56 which or PCT international tes Code, § 119(a)-(d) PCT International tes of America listed t or inventor's e country other than the
00	Prior Foreign			Priority
				Claimed
	(Number)	(Country)	(Day/Month/Year Filed)	Yes No
States		the benefit under Title ication(s) listed below	e 35, United States Code, § '	119(e) of any United
	60/103,001		October 5, 1998	
		ication Number		Date
	I barabu ala!	the hearthd. Tid		
	I hereby claim the benefit under Title 35, United States Code, § 120 of any United			

States application(s) or § 365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of ach of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred b tween the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)	(Filing Date)	(Status: patented,
		Pending, abandoned)

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from _______ as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Name	Reg. No.	Name	Reg. No.
•			
BECKER, Mark L.	31,325	NOONAN, William D.	30,878
CALDWELL, Lisa M.	41,653	PETERSEN, David P.	28,106
DeGRANDIS, Paula A.	43,581	POLLEY, Richard J.	28,107
GEORGE, Samuel E.	44,119	SCOTTI, Robert F.	39,830
GIRARD, Michael P.	38,467	SIEGEL, Susan Alpert	43,121
JAKUBEK, Joseph T.	34,190	SLATER, Stacey C.	36,011
JOHNSON, Michelle L.	36,352	STEPHENS JR., Donald L.	34,022
JONES, Michael D.	41,879	STUART, John W.	24,540
KLARQUIST, Kenneth S.	16,445	VANDENBERG, John D.	31,312
KLITZKE II, Ramon A.	30,188	WHINSTON, Arthur L.	19,155
HARDING, Tanya M.	42,630	WIGHT, Stephen A.	37,759
LEIGH, James S.	20,434	WINN, Garth A.	33,220
MAURER, Gregory L.	43,781		

Address all telephone calls to Michael D. Jones at telephone number (503) 226-7391.

Address all correspondence to:

KLARQUIST SPARKMAN CAMPBELL LEIGH & WHINSTON, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, OR 97204-2988

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

MDJ:rfb 12/10/99 5922-53257

Full Name of Sole or fire	st Inventor: Alan E. Johnson	
Inventor's Signature		14/7/99
Residence: Eugene, C	Dregon	Date
Citizenship: U.S.A.		·
Post Office Address:	2384 Sony Loop Eugene, Oregon 97404	
Full Name of Second Jo	pint Inventor, if any: Eric S. Maniloff	
Inventor's Signature	E PMI	17 Dec 199
Residence: Eugene, C	Dregon	Date
Citizenship: U.S.A.		
Post Office Address:	3160 Alyndale Drive Eugene, Oregon 97404	
Full Name of Third Join	t Inventor, if any: Thomas W. Mossberg	
Inventor's Signature		
Residence: Eugene, C	Oregon .	Date
Citizenship: U.S.A.	·	
Post Office Address:	548 Lynnbrook Drive Eugene, Oregon 97404	

MDJ:rfb 12/30/99 5922-53257

Full Name of Joint Inventor:

Thomas W. Mossberg

Inventor's Signature

Thomas W Mossberg

Date

Residence:

Eugene, Oregon

Citizenship:

U.S.A.

Post Office Address:

548 Lynnbrook Drive

Eugene, Oregon 97404

Attorney's Docket No.: 42P13967 Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	
Alan E. Johnson et al.	Examiner: Unknown
Application Number: 09/412,841) Group Art Unit: 2824
Filed: October 5, 1999	
For: SPATIALLY-SPECTRALLY SWEPT OPTICAL MEMORIES AND ADDRESSING METHODS))))

Assistant Commissioner for Patents Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE AND REVOCATION OF PREVIOUS POWERS

Intel Corporation			
(Name of Assignee)			
("assignee"), a <u>Delaware</u> corporation having a place of			
(State of Incorporation)			
ousiness at _2200 Mission College Blvd., Santa Clara, CA_95052			
(Address)			
hereby states that to the best of assignee's knowledge and belief it is the			
assignee of the entire right, title, and interest in and to the above-referenced			
patent application and represents that the undersigned is a representative			
authorized and empowered to sign on behalf of the assignee.			

Pursuant to 37 C.F.R. §§ 1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints Ramin Aghevli, Reg. No.

43,462; William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Todd M. Becker, Reg. No. 43,487; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Thomas M. Coester, Reg. No. 39,637; Robert P. Cogan, Reg. No. 25,049; Florin A. Corie, Reg. No. 46,244; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George L. Fountain, Reg. No. 37,374; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Mark A. Goldstein, Reg. No. 50,759; Michael D. Graham, Reg. No. 51,751; Melissa A. Haapala, Reg. No. 47,622; Alan E. Heimlich, Reg. No. 48,808; James A. Henry, Reg. No. 41,064; William E. Hickman, Reg. No. 46,771; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Libby H. Hope, Reg. No. 46,774; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steve Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan C. Little, Reg. No. 41,181; Julio Loza, Reg. No. 47,758; Joseph Lutz, Reg. No. 43,765; Lawrence E. Lycke, Reg. No. 38,540; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonsa, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Richard A. Nakashima, Reg. No. 42,023; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Gregg A. Peacock, Reg. No. 45,001; Philip A. Pedigo, Reg. No. P-52,107; Marina Portnova, Reg. No. 45,750; Michael A.

Proksch, Reg. No. 43,021; Joseph A. Pugh, Reg. No. P-52,137; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Saina S. Shamilov, Reg. No. 48,266; Kevin G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Tom, Reg. No. P-52,291; John F. Travis, Reg. No. 43,203; Thomas J. Treutler, Reg. No. 51,126; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Brent E. Vecchia, Reg. No. 48,011, and Lehua Wang, Reg. No. 48,023; my patent agents, of BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Alan K. Aldous, Reg. No. 31,905; Ed Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert A. Burtzlaff, Reg. No. 35,466; Richard C. Calderwood, Reg. No. 35,468; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Jeffrey B. Huter, Reg. No. 41,086; John Kacvinsky, Reg. No. 40,040; Seth Z. Kalson, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Peter Lam, Reg. No. 44,855; Anthony Martinez, Reg No. 44,223; Paul Nagy, Reg. No. 37,896; Dennis A. Nicholls, Reg. No. 42,036; Leo V. Novakoski, Reg. No. 37,198; Lanny Parker, Reg. No. 44,281; Thomas C. Reynolds, Reg. No. 32,488; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,256 and

Charles K. Young, Reg. No. 39,435, my patent agents, of INTEL CORPORATION; and James R. Thein, Reg. No. 31,710, my patent attorney; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Pursuant to 37 C.F.R. § 3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to James Y. Go, Reg. No. 40,621, Blakely, Sokoloff, Taylor, & Zafman LLP, 12400 Wilshire Boulevard, Seventh Floor, Los Angeles, California 90025, and direct all telephone calls to the same at (206) 292-8600.

	Assignee of Interest: <u>Intel Corporation</u>
Dated: <u>Dec. 12,2002</u>	By: Jeynosh
	Name: Tom Reynolds
	(Type or Print)
	Title: Director of Patents
	(Type or Print)
	Address of Assignee of Interest:
	M/S SC4-202
	2200 Mission College Blvd.
	Santa Clara, CA 95052

Statement Under 37 CFR § 3.73(b)

Applicant:	Alan	E. Johnson et al.		
Applicatio	n No.:	09/412,841	Filed:	October 5, 1999
For: SP	ATIALL	Y-SPECTRALLY SWI	EPT OPTICAL MEMORIE	S AND ADDRESSING METHODS
Intel Cor	poratio	(name of Assignee)	, a <u>Corporation</u> (Type of Assignee	n , e.g., corporation, partnership, university, government agency, etc
states tha			re right, title and interest ir	n the patent application identified above
A. [] OR	assi	gnment was recorded	ventor(s) of the patent apping the Patent and Tradema or for which a copy there	
В. [Х]		From: Johnson, Ala The document was r Reel 011151, Fram From: Mossberg, The document was r	n E.; Maniloff, Eric S. To: recorded in the Patent and ne <u>0805</u> , or for which a	copy thereof is attached. Templex Technology, Inc. I Trademark Office at
	3.	The document was r Reel <u>012900</u> , Fram	echnology, Inc. To:To:To:To:	Trademark Office at
с	opies c	of assignments or othe	r documents in the chain o	of title are attached.
The uassignee.		gned (whose title is su	pplied below) is empowere	ed to sign this statement on behalf of the
Date:	0	2c. 12,20	02	· · · · · · · · · · · · · · · · · · ·
Name: _	Tom Re	eynolds	·	
Title:	Directo	r of Patents		
Signature	:	con 1-	ezuloko	